

General Data

Model:	GRIX 32-2/140 T/G
Code:	2001602
Series:	GRIX
Weight [Kg]	28.00

Submersible eletropumps for sewage with an inbuilt macerator in the inlet

Hydraulic

Impeller Type:	-
Delivery DN [mm]:	G 1"1/4 DN32 PN6
Input DN [mm]:	-
Free Passage [mm]:	-
Impeller Ø [mm]:	150
Max Pump Efficiency [%]:	0.0
Global Efficiency [%]:	-0.11
Head [m]:	21.00
Flow [m ³ /h]:	5.40

Tolerance according to ISO 9906:2012 3B2



Attention: pictures for illustrative purposes

Features

Upper Meccanical seal:	ND Tenuta_Meccanica_Sup
Lower Meccanical Seal:	ND Tenuta_Meccanica_Inf
Upper Bearing:	ND Cuscinetto_Sup
Lower Bearing:	ND Cuscinetto_Inf
IP Protection:	ND Classe_Protezione
Motor protection:	present
Humidity sensor:	present
ATEX:	II 2G Ex db IIB T4 Gb - Ex h IIB T4 Gb 0°C <= Ta <= +40°C
Applied Paint:	ND Vernice_Applicata
Cable Length [m]:	ND Lunghezza_Cavo
Lubricating Oil:	Q8 WF15
Oil Quantity [Kg]:	0.45

Materials

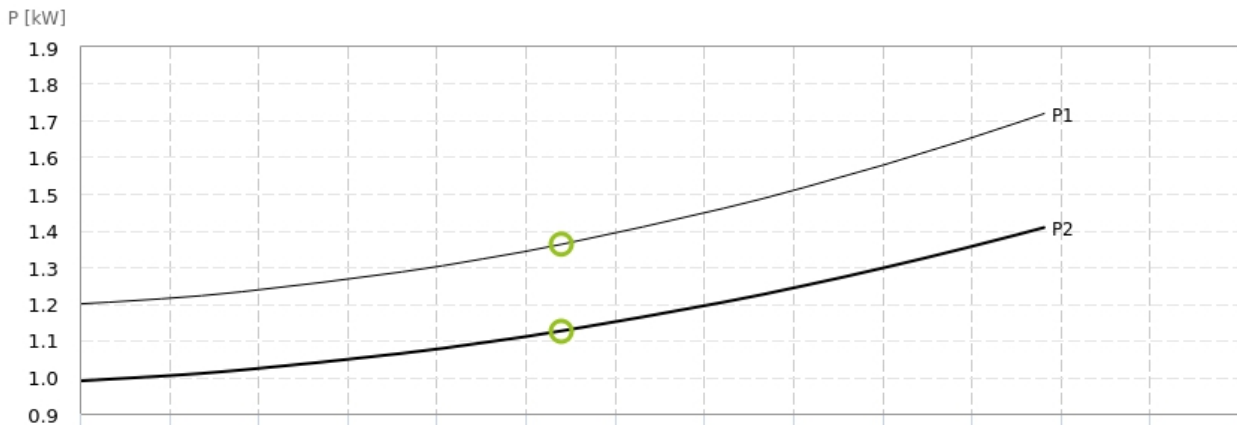
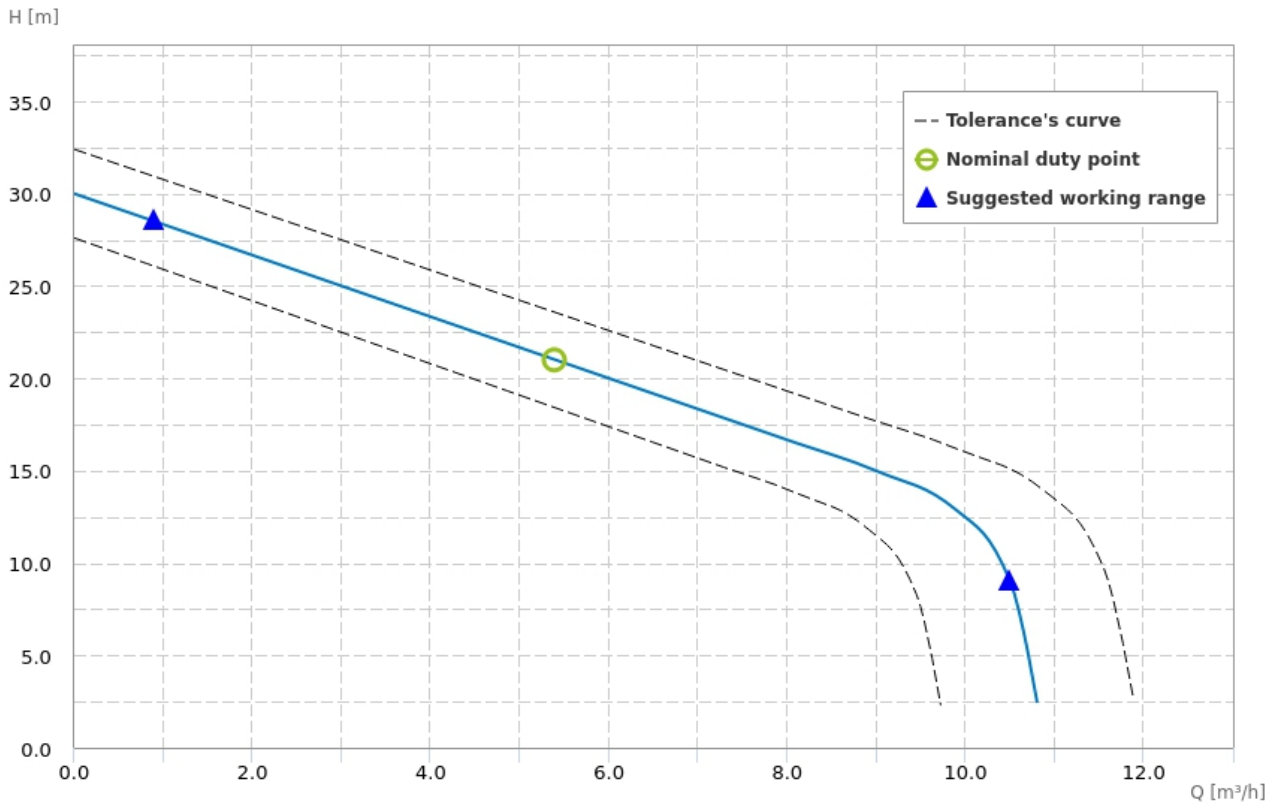
Pump:	-
Impeller:	-
Motor shaft:	-
Cooling Jacket:	Not available
Screw:	Stainless steel A2-70
Cable:	ND Tipo_Cavo

Pumped Liquid

Pumped Liquid:	Light and lightly sewage
Density [Kg/dm ³]:	1.1
pH:	2023-10-06
Temperature Range:	0-40°C

Installation

Maximum depth of immersion [m]:	20
Cooling Type:	The cooling of the motor is ensured by the surrounding liquid
Installation:	
Floating on board machine:	present

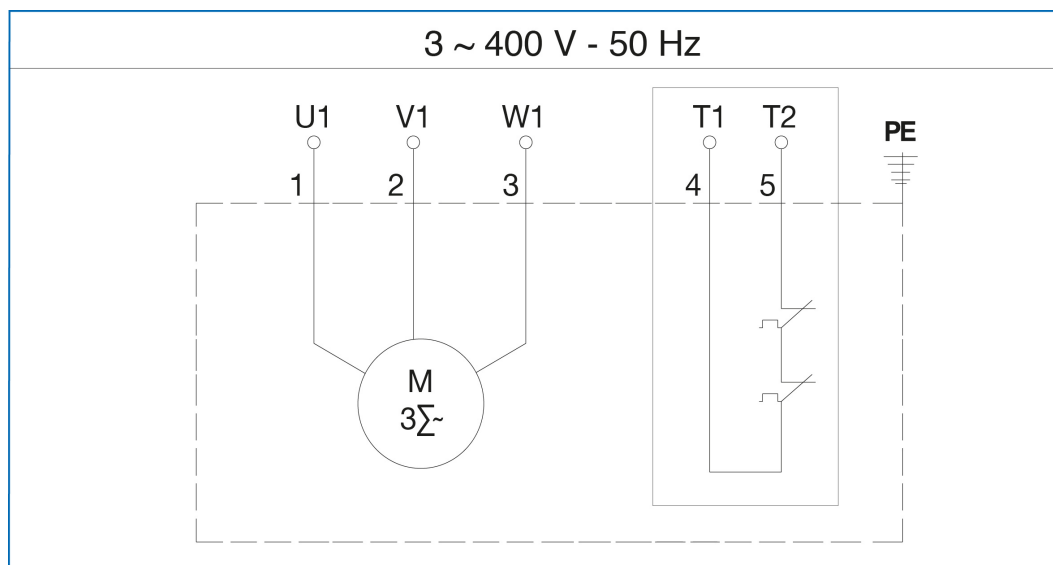


η global [%]



Motor

Motor code:	3520180235
Power P1 [kW]:	1.70
Power P2 [kW]:	1.40
Phases:	3
Frequency [Hz]:	50
Tension [V]:	400
Nominal current [A]:	3.5
Starting current [%]:	531.0
Power Factor:	0.72
R.P.M.:	2850
Starting:	D.O.L
Capacitor [μ F]:	0.0
Insulation Class:	F 155°C
Service type:	S2
Max Efficiency [%]:	81.30
Max Efficiency at full load [%]:	70.1
Efficiency at $\frac{3}{4}$ load [%]:	70.3
Efficiency at $\frac{1}{2}$ load [%]:	70.2
Efficiency class:	-

Wiring diagrams

Dimensions drawing

